

IN THE CLAIMS

Please **cancel** claims 56-58, 62-64, 66, 68, 70 and 72.

Please **amend** claims 53-55, 59-61, 65, 67, 69 and 71 as follows:

Claim 53 (Amended). A system for synthesizing a musical tone according to control information at a given sampling frequency, comprising:
a processor that executes a process of managing the system;
a memory that memorizes a plurality of parameters corresponding to a plurality of sampling frequencies for use in synthesizing the musical tone;
a detector that detects a load imposed on the processor when the processor executes the process; and
a sound source module that generates a waveform of the musical tone based on the control information at one of the plurality of sampling frequencies selected according to the detected load imposed on the processor, the sound source module reading one of the plurality of parameters corresponding to said selected one of the plurality of sampling frequencies from the memory for use in generating the waveform.

Claim 54 (Amended). The system according to claim 73, wherein the processor manages the system and provides the control information by executing a program.

Claim 55 (Amended). The system according to claim 73, wherein the controller expands the variable period as the detected load of the processor increases.

Claim 59 (Amended). A system for synthesizing a musical tone according to control information, comprising:

a processor that executes a process of generating the musical tone based on the control information at a given sampling frequency;

a detector that detects a load imposed on the processor when the processor executes the process; and

a memory that memorizes a plurality of parameters corresponding to a plurality of sampling frequencies for use in generating of the musical tone,

wherein the processor generates a waveform of the musical tone based on the control information at one of the plurality of sampling frequencies selected according to the detected load imposed on the processor, the processor reading one of the plurality of parameters corresponding to said selected one of the plurality of sampling frequencies from the memory for use in generating the waveform.

Claim 60 (Amended). The system according to claim 75, wherein the processor executes the processes according to a program.

Claim 61 (Amended). The system according to claim 74, wherein the controller expands the variable period as the detected load of the processor increases.

Claim 65 (Amended). A method of synthesizing a musical tone according to control information at a given sampling frequency by a processor and a sound source module, said method comprising:

operating the processor to execute a process of managing the system;

memorizing a plurality of parameters corresponding to a plurality of sampling frequencies for use in synthesizing the musical tone;

detecting a load imposed on the processor when the processor executes the process; and

operating the sound source module to generate a waveform of the musical tone based on the control information at one of the plurality of sampling frequencies selected according to the detected load imposed on the processor, the sound source module reading one of the plurality of parameters corresponding to said selected one of the plurality of sampling frequencies for use in generating the waveform.

Claim 67 (Amended). A method of synthesizing a musical tone by a processor according to control information, said method comprising:

operating the processor to execute a process of generating the musical tone based on the control information at a given sampling frequency;

detecting a load imposed on the processor when the processor executes the process; and

memorizing a plurality of parameters corresponding to a plurality of sampling frequencies for use in generating of the musical tone,

wherein said step of operating the processor generates a waveform of the musical tone based on the control information at one of the plurality of sampling frequencies selected according to the detected load imposed on the processor, the processor reading one of the plurality of parameters corresponding to said selected one of the plurality of sampling frequencies for use in generating the waveform.

Claim 69 (Amended). A medium for use in a system having a processor and a sound source module for synthesizing a musical tone according to control information at a given sampling frequency, the medium containing a program executable by the processor for causing the system to perform a method comprising:

processing a load for managing the system;

memorizing a plurality of parameters corresponding to a plurality of sampling frequencies for use in synthesizing the musical tone;

detecting the load imposed on the processor when the processor executes the program; and

operating the sound source module to generate a waveform of the musical tone based on the control information at one of the plurality of sampling frequencies selected according to the detected load imposed on the processor, the sound source module reading one of the plurality of parameters corresponding to the selected one of the plurality of sampling frequencies for use in generating the waveform.

Claim 71 (Amended). A medium for use in a system having a processor for synthesizing a musical tone according to control information, the medium containing a program executable by the processor for causing the system to perform a method comprising:

generating the musical tone based on the control information at a given sampling frequency;

detecting a load imposed on the processor when the processor executes the program; and

memorizing a plurality of parameters corresponding to a plurality of sampling frequencies for use in generating of the musical tone,

wherein said step of generating generates a waveform of the musical tone based on the control information at one of the plurality of sampling frequencies selected according to the detected load imposed on the processor, the processor reading one of the plurality of parameters corresponding to said selected one of the plurality of sampling frequencies for use in generating the waveform.

Please **add** claims the following claims:

Claim 73. The system according to claim 53, wherein the processor executes another process of providing the control information to the sound source module at a variable period, the system further comprising a controller that controls the variable period at which the processor provides the control information, according to the detected load of the processor.

Claim 74. The system according to claim 59, wherein the processor executes another process of providing the control information at a variable period, the system further comprising a controller that controls the variable period at which the processor provides control information, according to the detected load of the processor.

Claim 75. The system according to claim 59, wherein the processor further executes a process of managing the system.